

The Pileup

Newsletter of the CDXA

Field Day 2012

CDXA Has More Fun at KI4TZ

Dick Williams, W3OA

CDXA put on another fine Field Day effort from the QTH of Joe, KI4TZ. This year we again operated in Class 3E (home station, three transmitters, emergency power). Our score of 9,946 points was a big improvement over our score of 8,550 points last year.

Once again, Joe was a very enthusiastic host, taking care of the many details needed for a successful operation. And he provided great food. Thank you Joe!

Here's our QSO count:

Band	CW	Phone		Band	CW	Phone
80m	437	163		15m	272	314
40m	258	348		10m	0	1
20m	754	180		6m	0	5
				TOTAL	1721	1011

W4VHF	Ted Goldthorpe	President
W4GRW	Bill Fisher	Vice-Pres.
W3ZL	Cliff Wagoner	Sec.-Treas.
K4MD	Joe Simpkins	Cluster Mgr.
W3OA	Dick Williams	Contest Mgr.
W3GQ	Paul Sturpe	Cluster Mgr.- North Area
WB4BXW	Wayne Setzer	Webmaster
NV4A	John Forbus	Editor

CW QSOs count two points each, and phone QSOs count one point, so the total of our CW and phone QSO points is 4,453. Our power multiplier is 2 because all our transmitters were under 150 watts. This gives us 8,906 points. We can add 1,040 bonus points for using 100% emergency power, attempting to get media publicity, sending a message to our Section Manager, copying the W1AW Field Day message, originating 9 National Traffic System messages, being visited by an elected official, being visited by a Red Cross representative, conducting an educational activity, and submitting our scores via the Web.

The three stations were each in a separate room in Joe's house. One station was dedicated to CW and used a Kenwood TS-2000 with Joe's permanent station antennas – a Tennadyne T12 and G5RV. The second station operated SSB with a Yaesu FT-1000MP Mark-V and used a Cushcraft A-3 and an 80/40 turn style dipole for antennas. The third station used another TS-2000 to operate both CW and SSB on forty meters with a vertical loop antenna and 15 meters with a Moxon Rectangle. All three stations used N1MM logging software, and the computers were connected in a wireless network.

We had a fourth station using a TS-2000 monitoring six meters to see if there was enough activity to justify taking

(Continued on page 2)

CDXA PacketCluster & Other Communication Systems	
K4MD (AR Cluster via Telnet)	k4md.no-ip.com
W4DXA (AR Cluster via Telnet)	w4dxa.no-ip.com
CDXA Repeater 147.18 MHz (+600)	W4DXA, Near Fort Mill, SC
World Wide Web Homepage	www.cdxa.org
Wednesday Luncheon (11:30 AM)	Skyland Family Restaurant, 4544 South Boulevard, Charlotte, NC

(Continued from page 1)

one of the other stations off the air for a while so as not to exceed operating three transmitters at any given time. As you can tell from the QSO count, this wasn't very successful this year. Maybe next year conditions on six will be better.

Our CW operators were Joe, AA4NN, Dennis, K2SX, and Cliff, W3ZL. Joe and Dennis alternated shifts on the CW station and the two of them kept it going the whole 24 hours. They each also took operating shifts on the 40/15 station.

Phone operators were Paul, AD4IE, Ric, AA4SC, Eric, K4CEB, Ken, K4DXA, Bill, K4WAC, John, K8YC, Joe, KI4TZ, Steve, KZ2I, Ernesto, N4LED, Dick, W30A, Bill, W4GRW, Barry, W4ILC, Bill, WW4DD, and Chris, WW4CP.

For a better look at the operation, take a look at the many pictures that follow, starting with one (top right) of the intrepid crew that put the temporary antennas up the Saturday before Field Day. Standing, left to right, are Wayne, WB4BXW, Joe, KI4TZ, Paul, AD4IE, Chris, WW4CP, Bill, WW4DD, and John, K8YC. Sitting and fulfilling the important supervisory role is Ted, W4VHF.



This is a shot of the side of Joe's house. It shows both his tower and his EME array. You should also get the sense that the house is at the top of a nice hill.

The Pileup

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The purpose of the association is to secure for the members the pleasures and benefits of the association of persons having a common interest in Amateur Radio.

Members of the CDXA shall adhere to "The Amateur's Code" as published from time to time in *The ARRL Handbook for Radio Amateurs*, and shall consist of those valid licensed amateur operators having an interest in promoting amateur radio. Long distance communications (DX) is of special interest to members of the association, but said interest is not a requirement of membership.

Yearly dues are \$25.00. A second licensed Amateur family member living in the same household can join for \$5.00 for a total family price of \$30.00 per year. The total price for 3 or more licensed family members living in the same household is only \$35.00 per year. All family members enjoy full member status. Dues are payable annually in December by check or through the CDXA website, to the Secretary/Treasurer:

Cliff Wagoner, W3ZL
P. O. Box 577
Davidson, NC 28036

Address, telephone, and email address changes should be directed to the Secretary/Treasurer at the above address or via email at: jcw53@cornell.edu.



These are the antennas we used for the SSB station. A Cushcraft A3 and 80/40 crossed dipoles on Joe's mobile tower.



Here's the Moxon Rectangle we used on the 40/15 station. This mast also supported one end of the 40 meter loop. The other end was tied to a tree.



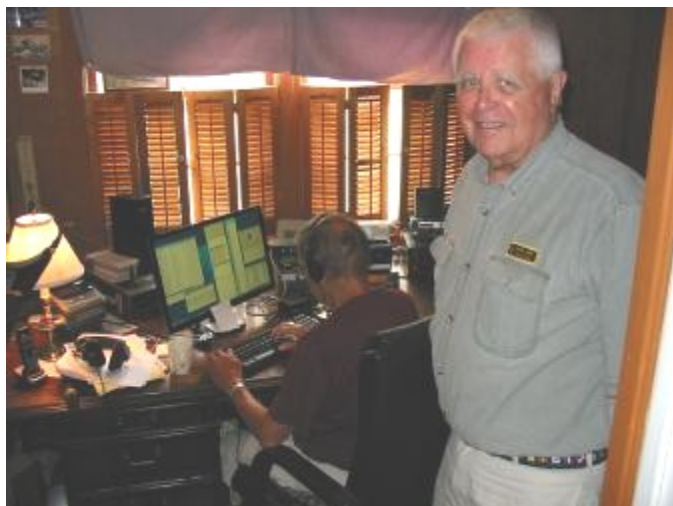
Barry, W4ILC, was the lead off operator on SSB



Chris, WW4CP, operated the SSB station Saturday afternoon.



Bill, K4WAC, operated the 40/15 station Saturday afternoon.



CDXA member Tom, K4DRV, visited us Sunday morning. He gave us 100 bonus points because he is an elected official, a Mecklenburg District Judge. Here he is checking out the CW station while Joe, AA4NN, operates



Cliff, W3ZL, fueled by Gator Aid, had the last shift on the 40/15 station.



Ken, K4DXA, operating the SSB station Sat. evening.



Bill, W4GRW, who seems to be concentrating *really* hard, took the 2nd half of the graveyard shift on the 40/15 station.



At 2300 Local Sat. evening it was time for Paul, AD4IE, to take over the SSB station.



John, K8YC, closed out SSB operations Sunday afternoon.

CDXA Scores Way Up in ARRL 10 Meter Contest

Dick Williams, W3OA

The final results of last year's ARRL 10 Meter Contest have been published. This included the results of the 2011 Club Competition. CDXA's total score was 4,457,550 points, way more than last year's score of 1,188,626. However, propagation was so good everyone's scores went up. As a result we dropped from seventh of the 29 clubs in the Medium Category in 2010 to 14th of 38 clubs in 2011. We only had 20 entries of the 50 allowed in the Medium Category. So we can move up a lot this year just by increasing the number of our members entering the contest.

Listed below, in alphabetical order, are the CDXA members who contributed to our Club score and scored in the top half of their class. The last column shows the member's place in his class in the geographic area shown and the number of entrants in that class from that area.

Call	Final Score	Area	Class	Place & No. in Class
AA4V	730,940	South Carolina	Multi Op, High Power	1/6
K2SX	475,376	South Carolina	Multi Op, High Power	2/6
K6RM	62,376	North Carolina	Single Op, CW Only, Low Power	3/5
KS4S	112,360	North Carolina	Multi Op, Low Power	1/4
KU4V	23,998	North Carolina	Single Op, SSB Only, Low Power	7/15
KZ2I	69,936	North Carolina	Single Op, SSB Only, Low Power	2/15
N2TU	992,640	North Carolina	Multi Op, High Power	1/14
W3GQ	667,414	North Carolina	Multi Op, High Power	3/14
W3OA	499,324	North Carolina	Multi Op, High Power	6/14
W7DO	357,812	South Carolina	Multi Op, High Power	3/6



2011 DX King Final Results

Dick Williams, W3OA



CQ Magazine has published the results of the 2011 CQ DX Marathon, so we can now finalize the results of our CDXA DX King competition for 2011. The top standings are listed below. The calls of W3OA and W3ZL are engraved on the perpetual trophies for their class, and all those listed have received certificates acknowledging their achievement. (W3OA is on the Unlimited trophy because K5EK is on it for 2011 and our rules say you can't win that trophy two years in a row.)

First Place, Unlimited Category: K5EK with 314 points
 Second Place, Unlimited Category: W3OA with 305 points
 Third Place, Unlimited Category: N4ZC with 304 points
 Fourth Place, Unlimited Category: W3GQ with 304 points
 Fifth Place, Unlimited Category: WA4DT with 304 points
 First Place, Formula Category: W3ZL with 254 points
 Second Place, Formula Category: W4NZC with 220 points
 Third Place, Formula Category: W4WNT with 189 points

K5EK was also 11th in the U.S. and 22nd world-wide. W3ZL was 7th in the U.S. and 14th world-wide in the Formula Class – 100 watts option.

You will notice we had three entries with 304 points. In cases like this CQ applies the rule that says "In the case of ties, the operator whose last scoring contact was earlier chronologically will be judged the winner."

Congratulations to all our winners. There are still almost six months left in the 2012 competition so everyone has ample opportunity to increase their score for 2012.



K5EK and W3ZL are the 2011 Kings! ...and W3OA gets to "take home" the Unlimited Trophy!



DX King News

Dick Williams, W3OA



Speaking of the 2012 status....

Item 1: Full details of our DX King Contest and your chances to win a 10 inch tablet computer are on page 3 of the January Pileup <http://cdxa.org/pileup/archives/cdxa1201.pdf>

Item 2: Here are the scores I have for the 2012 DX King competition as of June 30:

Call	Category	Countries	Zones	Total
N4ZC	Unlimited	270	40	310
K5EK	Unlimited	266	40	306
W2HTI	Unlimited	265	40	305
K4GHS	Unlimited	235	40	275
W4HG	Unlimited	231	40	271
KO4DI	Unlimited	231	40	271
W3GQ	Unlimited	228	39	267
AA4SC	Unlimited	186	40	226
W3ZL	Formula	188	37	225
K2SX	Unlimited	178	39	217
KZ2I	Unlimited	176	38	214
W1AJT	Unlimited	162	37	199
W3OA	Unlimited	153	35	188
K8YC	Unlimited	151	36	187
N4PQX	Unlimited	123	40	163
W4WNT	Formula	129	32	161
NK0S	Unlimited	115	31	146
N4QVM	Unlimited	96	26	122
N2TU	Unlimited	90	31	121
K4ESE*	Unlimited	96	22	118

* All 80 meters

Item 3: Don't forget to send me (w3oa@roadrunner.com) your DX marathon scores as of the last day of each month after your score reaches 100.

W4MW Team #3 in USA for 2011 CQ WW VHF Contest

Bill Fisher, W4GRW

Congratulations to the W4MW 2011 CQ WW VHF Contest Team, including CDXAers Ken Boyd, K4DXA; John Scott, K8YC; Joe Barkley, KI4TZ; Ernesto Marquez, N4LED; Dick Williams, W3OA; Bill Fisher, W4GRW; and Bill Turner, W4WNT; along with Roger Webb, W4MW, who provided much more than his call, including his beautiful "shack" high in the North Carolina mountains. The team was #3 in the USA and #1 in North Carolina!! Thanks to the support from our CDXA family, the W4MW team was #1 in two meter QSOs, and CDXA was #8 in the USA Club competition. **The 2012 CQ WW VHF Contest will be July 21 & 22 2012.** Mark your calendars.

Check out the Certificate the team received from CQ (in miniature) below, and a shot of W4MW's mountain QTH showing just one of his towers:



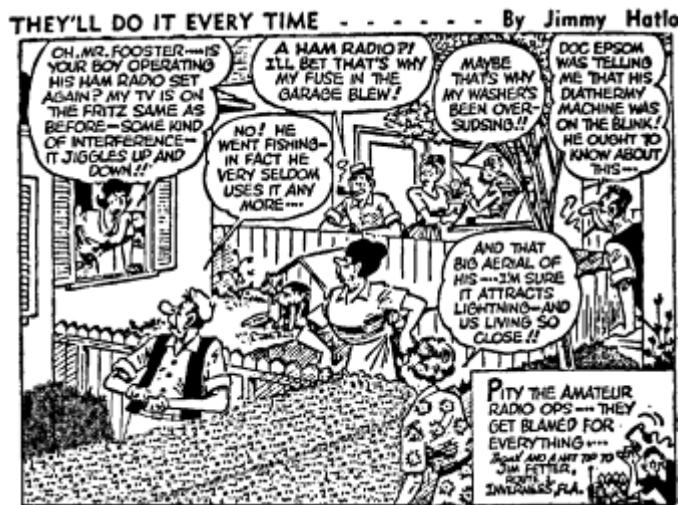
The Way Back Machine

10 Years Ago in the Pileup

Joe Blackwell, AA4NN, was planning another DXPe-dition, to Myanmar in August.

John Scott, K8YC, continued his excellent packet-switching tutorial with an article titled "Packets, Proto-cols, and What-nots." If you're interested in packet ra-dio, this is still a very useful series to read.

And this cartoon is also still pertinent today:



20 Years Ago in the Pileup

There's a chart of Cycle 22 activity ...which looks better than what we're experiencing now.

An updated member list is included, showing a total of 149 members, including some familiar names/calls.

And for some *really* "Wayback" radio trivia:

Who invented radio? This honor is generally accorded to three people:

In 1864, **James Clerk Maxwell** declared that radio waves had to exist. Studying his "Maxwell's Equations" convinced him of this. His prediction was perfect.

In 1886, **Heinrich Hertz** correctly assembled a crude transmitter and receiver. But Hertz was a professor just trying to prove Maxwell's assertion. It doesn't seem to have occurred to him that radio waves were useful.

In 1894, **Guglielmo Marconi** read about Hertz's experiment and instantly recognized that radio was a signaling device. He devoted the rest of his life to developing practical equipment. He is usually called the "father of radio".

Many people are convinced that experiments by **Nikola Tesla** preceded Marconi's by a few months. But Tesla was disorganized and his work in this area had no impact. ...Shocking, huh?

New Members

Welcome to two new members:

Tony Austin, K4AMA, 59 Sorrento Blvd., Hanahan, SC 29410, email2012@k4ama.com.

William (Ray) Price, KE4YOG, 5673 Hwy 70 East, Goldsboro, NC 27534, 919-222-6153, ke4yog@arrl.net.

A Gift For Our Favorite Waitress

At lunch a couple of weeks back, Bill Fisher presented Charlotte, our waitress at the Wednesday lunches, with a CDXA 2012 Field Day shirt. Here's a picture of Charlotte showing off her new shirt.



And speaking of the weekly lunch, just a reminder that it's every Wednesday from 11:30 until ... at the Sky-land Family Restaurant, 4454 South Blvd., Charlotte.



The Back Page

- There's complete coverage of last month's Field Day effort by the W4DXA Team, and there are lots of pictures, so if you were at Field Day, you might find yourself featured.
- DX King scores from last year are now final. Turn to Page 5 to check out the results.
- The 2011 ARRL Ten Meter Contest results are out, and also provided on Page 5.
- Turn to Page 6 to read about the W4MW Team (consisting mostly of CDXA members) finishing first in North Carolina and third in the US (!) during the 2011 CQ WW VHF Contest.
-and hope everyone had a great Independence Day!

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First Class Mail

See something wrong with your address label? Notify W3ZL at once, please.